

4.	Operator (Communication)	<p>(i) Matriculation from a recognized Board or equivalent;</p> <p>(ii) Possessing Wireless Operator or Radio Mechanic Certificate from Industrial Training Institute or equivalent;</p> <p style="text-align: center;">OR</p> <p style="text-align: center;">Defence Trade Certificate from an Army Institute or similar establishment of Defence with knowledge of Radio Technology;</p> <p style="text-align: center;">OR</p> <p style="text-align: center;">Having passed Class I Course for Wireless Operator and Key Board as laid down in Defence Service Regulations, (Qualification Regulations for Soldiers) from office of Records or Centres or similar establishment of Defence.</p>
5.	OEM (OG)	<p>(i) Matriculation from a recognized Board or equivalent;</p> <p>(ii) Possessing heavy motor vehicle driving licence; or Driving license for Dozer/Excavator and six months experience in driving Dozer/Excavator;</p> <p style="text-align: center;">OR</p> <p style="text-align: center;">Having passed Class II Course of Operator Excavating Machinery as laid down in Defence Service Regulations (Qualification Regulations for Soldiers) from office of Records or Centres or similar establishment of Defence.</p>
6.	Electrician	<p>(i) Matriculation from a recognized Board or equivalent;</p> <p>(ii) Possessing certificate of Auto Electrician from Industrial Training Institute or equivalent and having one year experience as Electrician;</p> <p style="text-align: center;">OR</p> <p style="text-align: center;">Having passed the Electrician Class 2 Course as laid down in Defence Service Regulations (Qualification Regulations for Soldiers) from office of Records or Centres or similar establishment of Defence.</p>

7. SYLLABUS FOR WRITTEN EXAMINATION

(a) Draughtsman.

- (i) Questions on simple mathematics
- (ii) Questions on mensuration
- (iii) Civil engineering drawing
- (iv) Quantitative aptitude
- (v) General Knowledge

(b) **Hindi Typist.**

- (i) Essay in English & Hindi 12th Std level)
- (ii) Sentences in Hindi & English
- (iii) English & Hindi grammar
- (iv) Letter writing in English
- (v) Letter writing in Hindi
- (vi) Proverbs, idioms & phrases
- (vii) Translation of passage from Eng to Hindi
- (viii) Questions on Arithmetic
- (ix) General Knowledge

(c) **Store Keeper Technical.**

- (i) Accounting of Stores
- (ii) Receipt, inspection & preservation of stores
- (iii) Storage & precautions of stores including fire protection/fighting
- (iv) Stock verification of stores
- (v) Packaging & preparation for dispatch of stores
- (vi) Maintenance of stock ledger
- (vii) Security of Stores
- (viii) Questions on arithmetic
- (ix) General Knowledge
- (x) English (12th Std)

(d) **Operator Communication.**

- (i) Inspection of tele communication equipments
- (ii) Maintenance & repair of tele communication equipments
- (iii) Installation of carrier tele communication equipments
- (iv) Wireless and line theory
- (v) Questions on condensers and valve theory
- (vi) Propagation of wireless waves
- (vii) Transmitter and receiver
- (viii) Power supply system
- (ix) Exchange switch boards
- (x) Maintenance of records
- (xi) English (10th Std)
- (xii) General Knowledge

(e) **Operator Excavating Machinery (Ordinary Grade).**

- (i) Maintenance of Dozer/Excavators
- (ii) Use of Oils / lubricants
- (iii) Daily / periodic checking
- (iv) Use of tools
- (v) Traffic Rules
- (vi) General knowledge

(f) **Electrician.**

- (i) Wiring of all types of vehs/eqpt including house wiring
- (ii) Charging batteries
- (iii) Maint of elect machinery held in Wksp
- (iv) Simple electrical calculations
- (v) Measuring and testing instruments
- (vi) Electrical motors and generations
- (vii) General knowledge

8. **Trade Test.** Trade test will be conducted at GREF Centre. Minimum 40% marks are required to qualify and is applicable for following posts only:

(a) **Hindi Typist.**

- (i) Typing test @ 30 words per minute in Hindi on Computer (passing criteria)
- (ii) Essay in English & Hindi (12th Std level)
- (iii) Sentences in Hindi & English
- (iv) Letter writing in English
- (v) Letter writing in Hindi

(b) **Operator Communication.**

- (i) Identification of equipments.
- (ii) Use of standard equipments.
- (iii) Minor trouble shooting
- (iv) Electrical connection/Required wiring
- (v) Generator/power backup knowledge/operation

(c) **Operator Excavating Machinery (Ordinary Grade).**

- (i) Dozing of earth by dozer
- (ii) Earth excavating & loading of excavated material by excavator.

(d) **Electrician.**

- (i) Making of joints & fixing of switch boards switches/ MCBs etc.
- (ii) Identification of electrical components of vehicle/equipment/earth moving plant.
- (iii) Identification of tools, equipments.